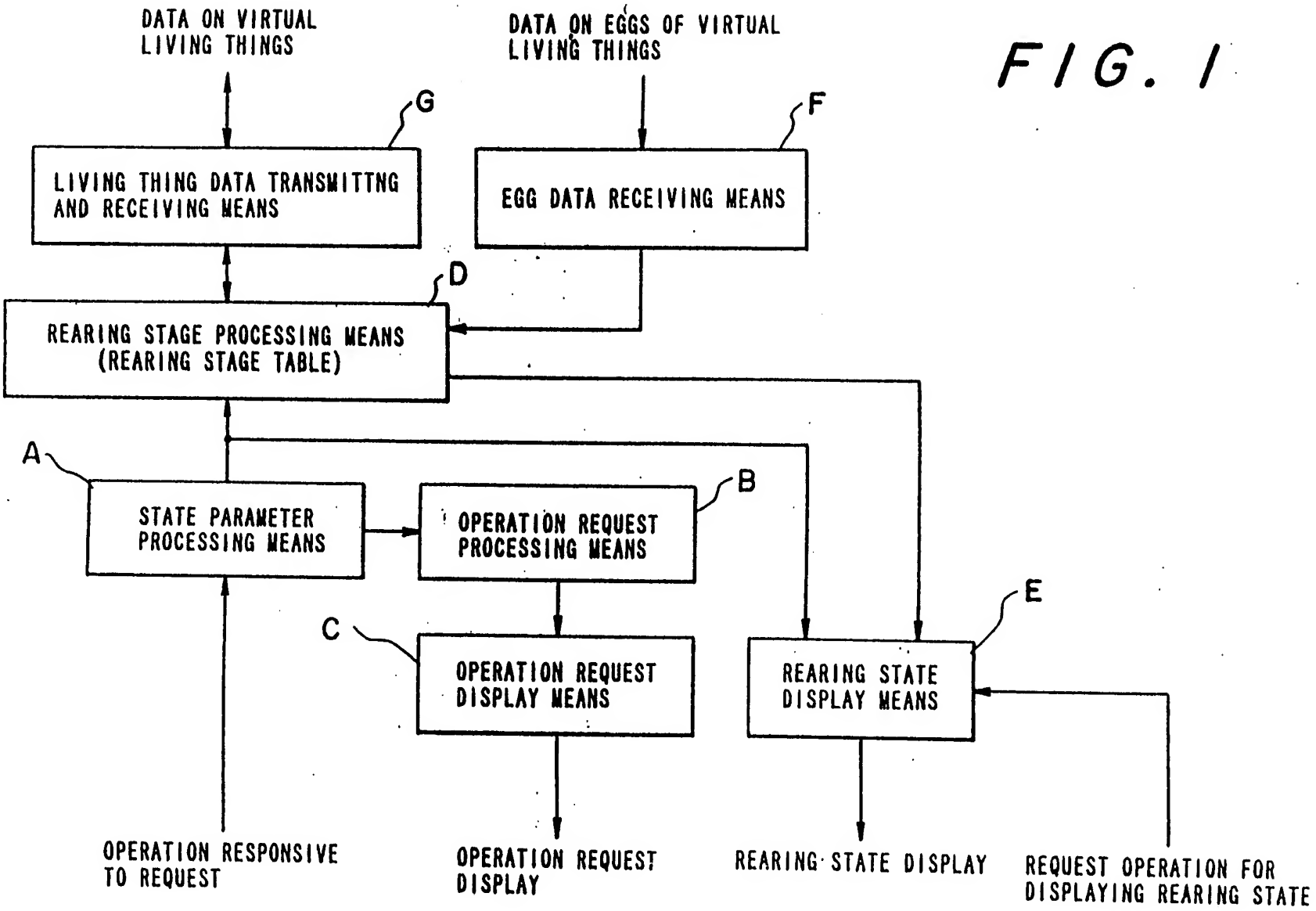

DATA ON VIRTUAL LIVING THINGS
DATA ON EGGS OF VIRTUAL LIVING THINGS
G
F
LIVING THING DATA TRANSMITTNG AND RECEIVING MEANS
EGG DATA RECEIVING MEANS
D
REARING STAGE PROCESSING MEANS (REARING STAGE TABLE)
A
STATE PARAMETER PROCESSING MEANS
B
OPERATION REQUEST PROCESSING MEANS
C
OPERATION REQUEST DISPLAY MEANS
E
REARING STATE DISPLAY MEANS
OPERATION RESPONSIVE TO REQUEST
OPERATION REQUEST DISPLAY
REARING STATE DISPLAY
REQUEST OPERATION FOR DISPLAYING REARING STATE

FIG. 1

FIG. 2

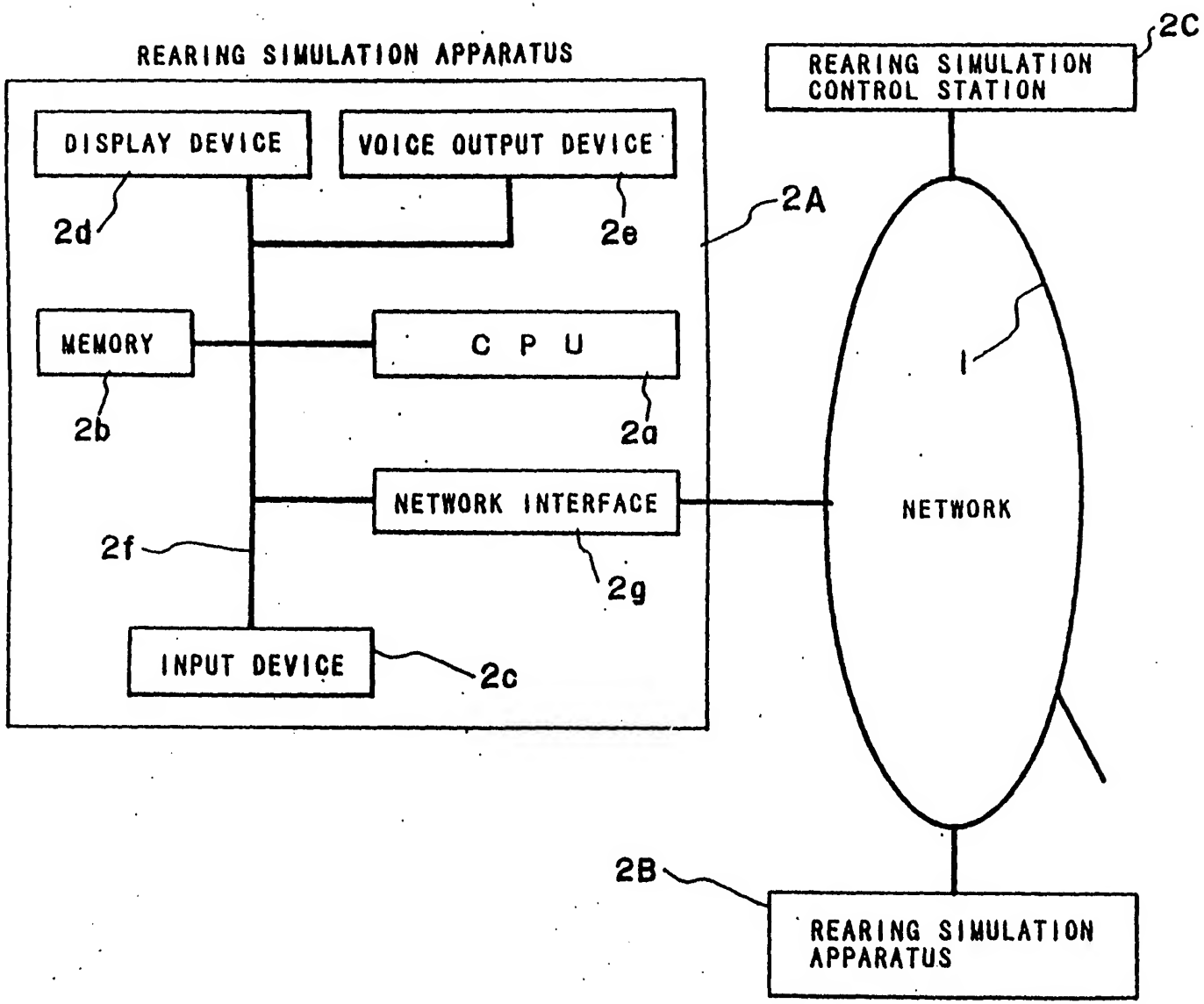

REARING SIMULATION APPARATUS
DISPLAY DEVICE
VOICE OUTPUT DEVICE
2d
2e
2A
MEMORY
C P U
2b
2a
NETWORK INTERFACE
2f
2g
INPUT DEVICE
2c
REARING SIMULATION CONTROL STATION
2C
1
NETWORK
2B
REARING SIMULATION APPARATUS

FIG. 3

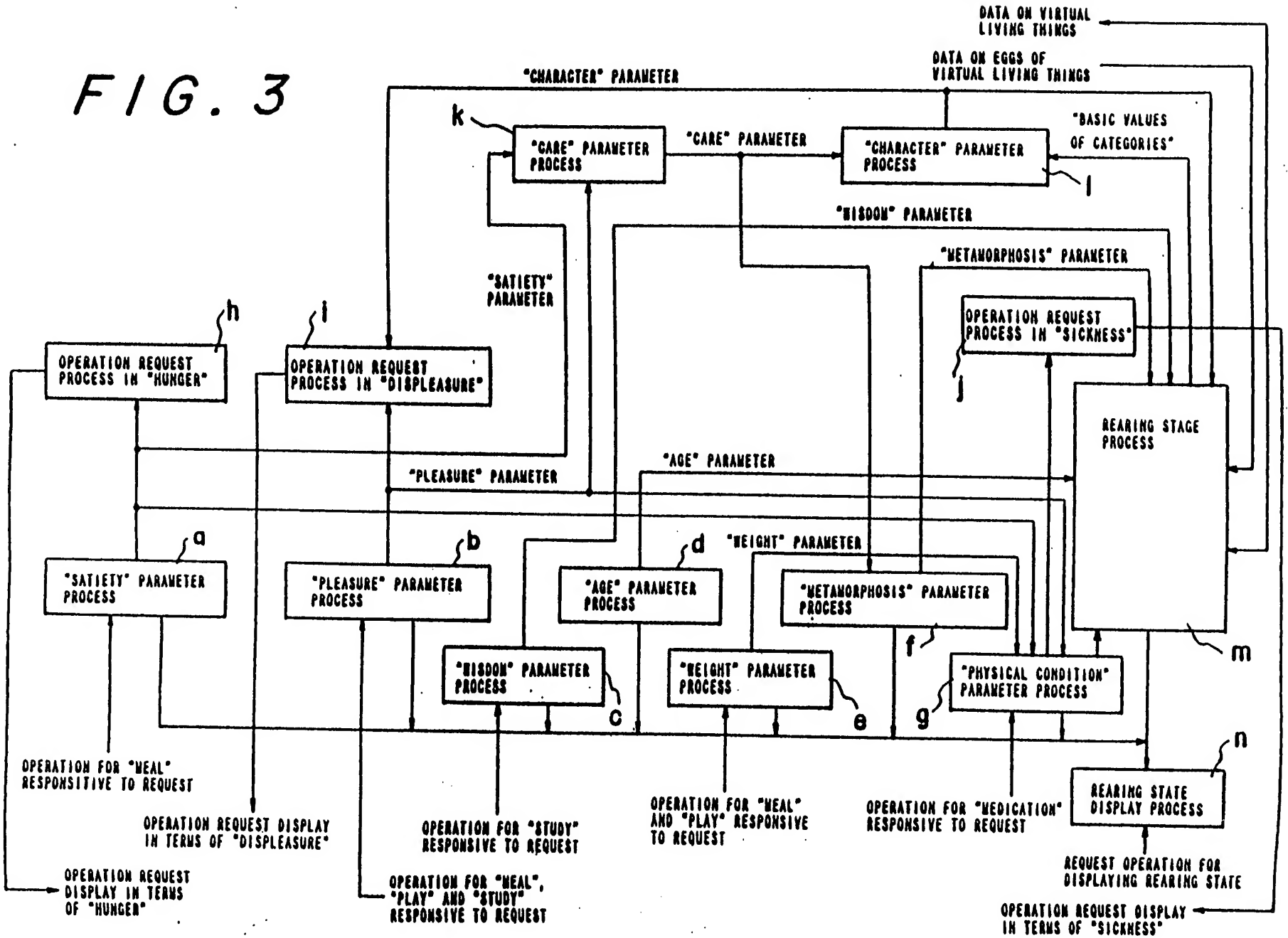

DATA ON VIRTUAL LIVING THINGS
DATA ON EGGS OF VIRTUAL LIVING THINGS
"CHARACTER" PARAMETER
k
"CARE" PARAMETER PROCESS
"CARE" PARAMETER
"CHARACTER" PARAMETER PROCESS
"BASIC VALUES OF CATEGORIES"
l
"WISDOM" PARAMETER
"METAMORPHOSIS" PARAMETER
"SATIETY" PARAMETER
h
i
OPERATION REQUEST PROCESS IN "HUNGER"
OPERATION REQUEST PROCESS IN "DISPLEASURE"
OPERATION REQUEST PROCESS IN "SICKNESS"
j
REARING STAGE PROCESS
"PLEASURE" PARAMETER
"AGE" PARAMETER
a
b
d
"WEIGHT" PARAMETER
"SATIETY" PARAMETER PROCESS
"PLEASURE" PARAMETER PROCESS
"AGE" PARAMETER PROCESS
"METAMORPHOSIS" PARAMETER PROCESS
f
m
"WISDOM" PARAMETER PROCESS
c
"WEIGHT" PARAMETER PROCESS
e
"PHYSICAL CONDITION" PARAMETER PROCESS
g
n
OPERATION FOR "MEAL" RESPONSITIVE TO REQUEST
OPERATION REQUEST DISPLAY IN TERMS OF "DISPLEASURE"
OPERATION FOR "STUDY" RESPONSIVE TO REQUEST
OPERATION FOR "MEAL" AND "PLAY" RESPONSIVE TO REQUEST
OPERATION FOR "MEDICATION" RESPONSIVE TO REQUEST
REARING STATE DISPLAY PROCESS
REQUEST OPERATION FOR DISPLAYING REARING STATE
OPERATION REQUEST DISPLAY IN TERMS OF "HUNGER"
OPERATION FOR "MEAL", "PLAY" AND "STUDY" RESPONSIVE TO REQUEST
OPERATION REQUEST DISPLAY IN TERMS OF "SICKNESS"

FIG. 4

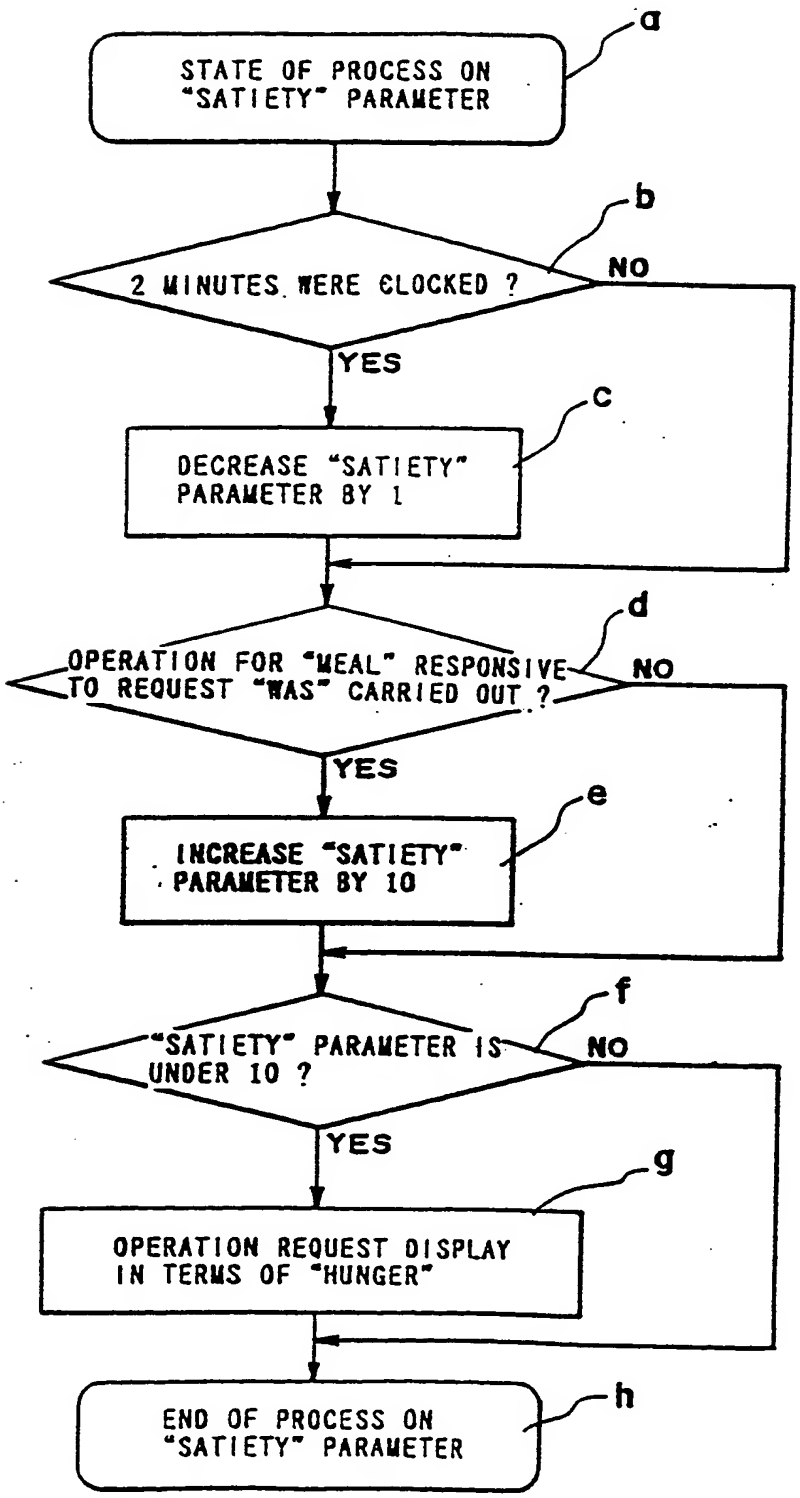

a
STATE OF PROCESS ON "SATIETY" PARAMETER
b
2 MINUTES WERE CLOCKED ?
NO
YES
c
DECREASE "SATIETY" PARAMETER BY 1
d
OPERATION FOR "MEAL" RESPONSIVE TO REQUEST "WAS" CARRIED OUT ?
NO
YES
e
INCREASE "SATIETY" PARAMETER BY 10
f
"SATIETY" PARAMETER IS UNDER 10 ?
NO
YES
g
OPERATION REQUEST DISPLAY IN TERMS OF "HUNGER"
h
END OF PROCESS ON "SATIETY" PARAMETER

FIG. 5

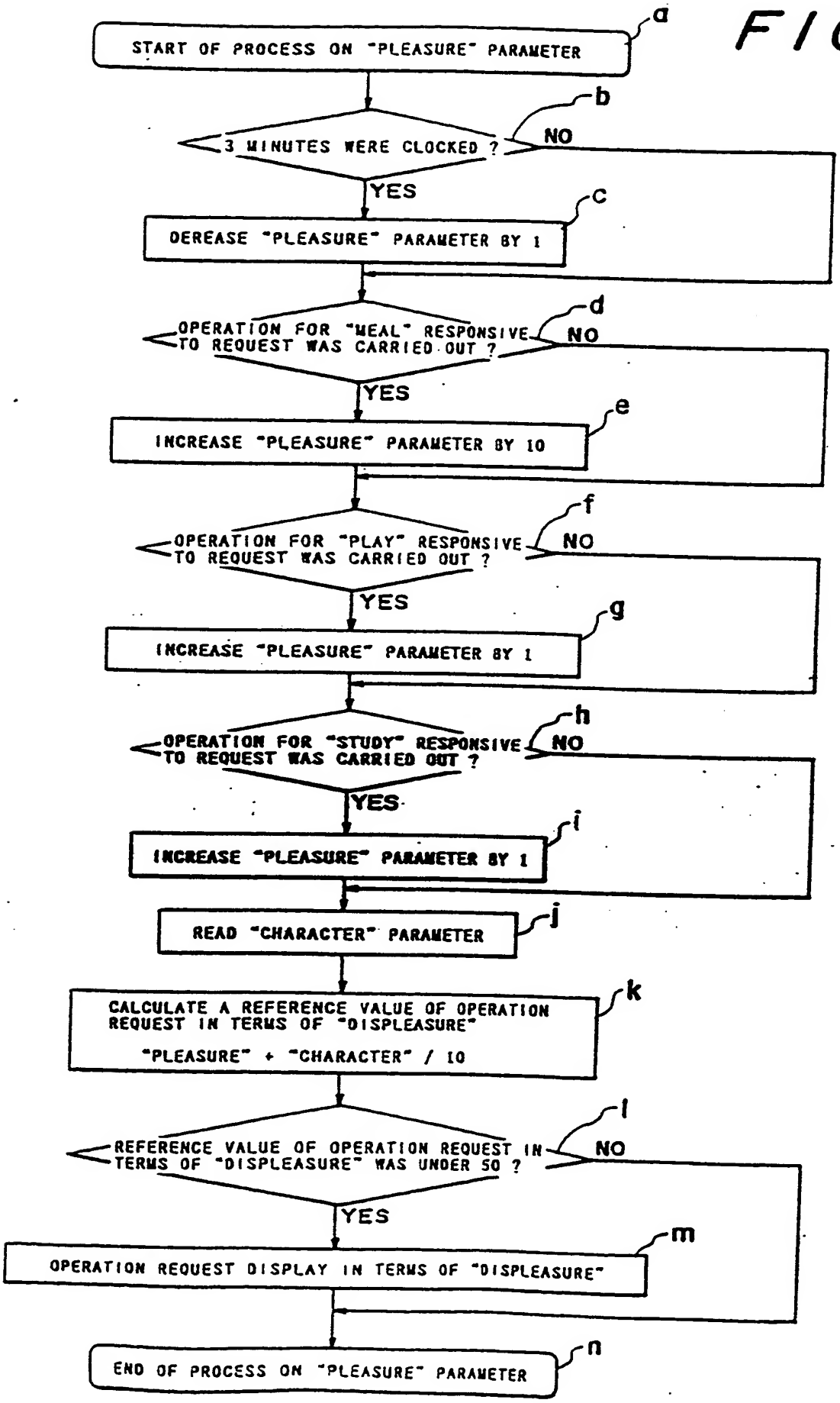

a
START OF PROCESS ON "PLEASURE" PARAMETER
b
3 MINUTES WERE CLOCKED ?
NO
YES
c
DEREASE "PLEASURE" PARAMETER BY 1
d
OPERATION FOR "MEAL" RESPONSIVE TO REQUEST WAS CARRIED OUT ?
NO
YES
e
INCREASE "PLEASURE" PARAMETER BY 10
f
OPERATION FOR "PLAY" RESPONSIVE TO REQUEST WAS CARRIED OUT ?
NO
YES
g
INCREASE "PLEASURE" PARAMETER BY 1
h
OPERATION FOR "STUDY" RESPONSIVE TO REQUEST WAS CARRIED OUT ?
NO
YES
i
INCREASE "PLEASURE" PARAMETER BY 1
j
READ "CHARACTER" PARAMETER
k
CALCULATE A REFERENCE VALUE OF OPERATION REQUEST IN TERMS OF "DISPLEASURE"
"PLEASURE" + "CHARACTER" / 10
l
REFERENCE VALUE OF OPERATION REQUEST IN TERMS OF "DISPLEASURE" WAS UNDER 50 ?
NO
YES
m
OPERATION REQUEST DISPLAY IN TERMS OF "DISPLEASURE"
n
END OF PROCESS ON "PLEASURE" PARAMETER

FIG. 6

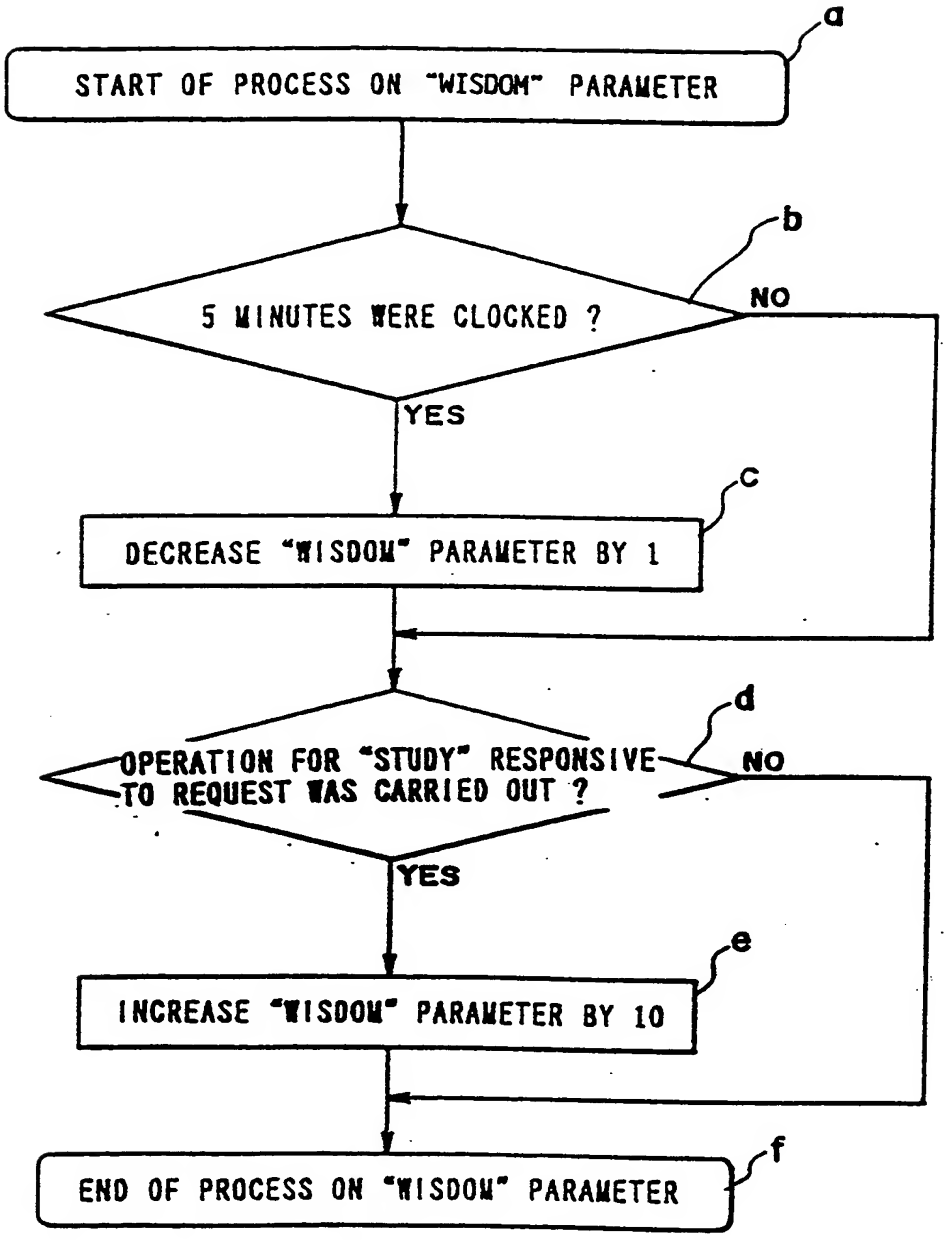

a
START OF PROCESS ON "WISDOM" PARAMETER
b
5 MINUTES WERE CLOCKED ?
NO
YES
c
DECREASE "WISDOM" PARAMETER BY 1
d
OPERATION FOR "STUDY" RESPONSIVE TO REQUEST WAS CARRIED OUT ?
NO
YES
e
INCREASE "WISDOM" PARAMETER BY 10
f
END OF PROCESS ON "WISDOM" PARAMETER

FIG. 7

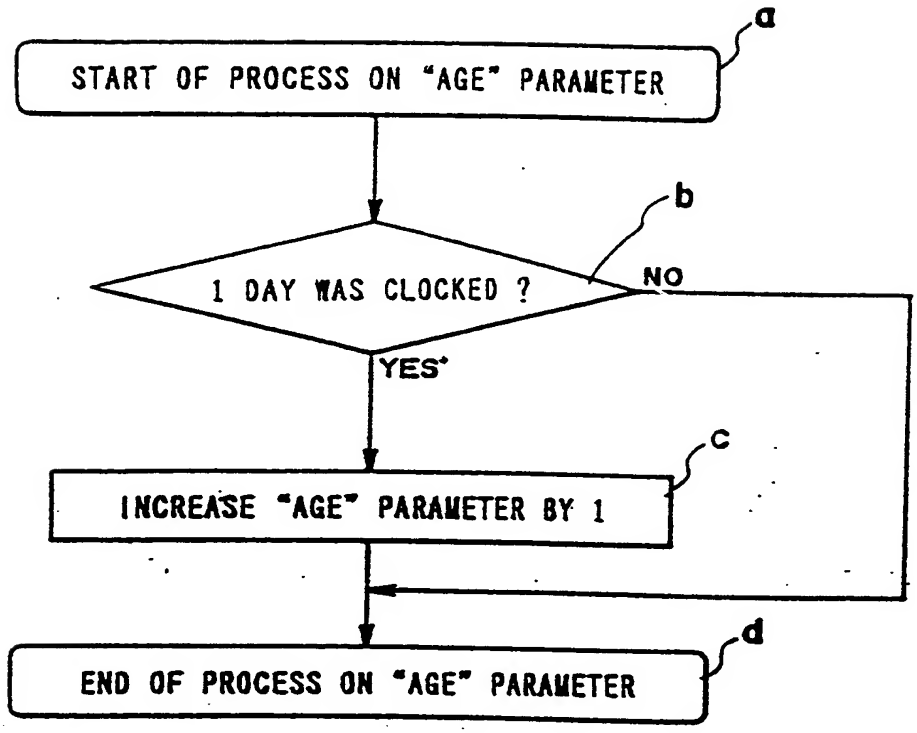

a
START OF PROCESS ON "AGE" PARAMETER
b
1 DAY WAS CLOCKED ?
NO
YES
c
INCREASE "AGE" PARAMETER BY 1
d
END OF PROCESS ON "AGE" PARAMETER

FIG. 8

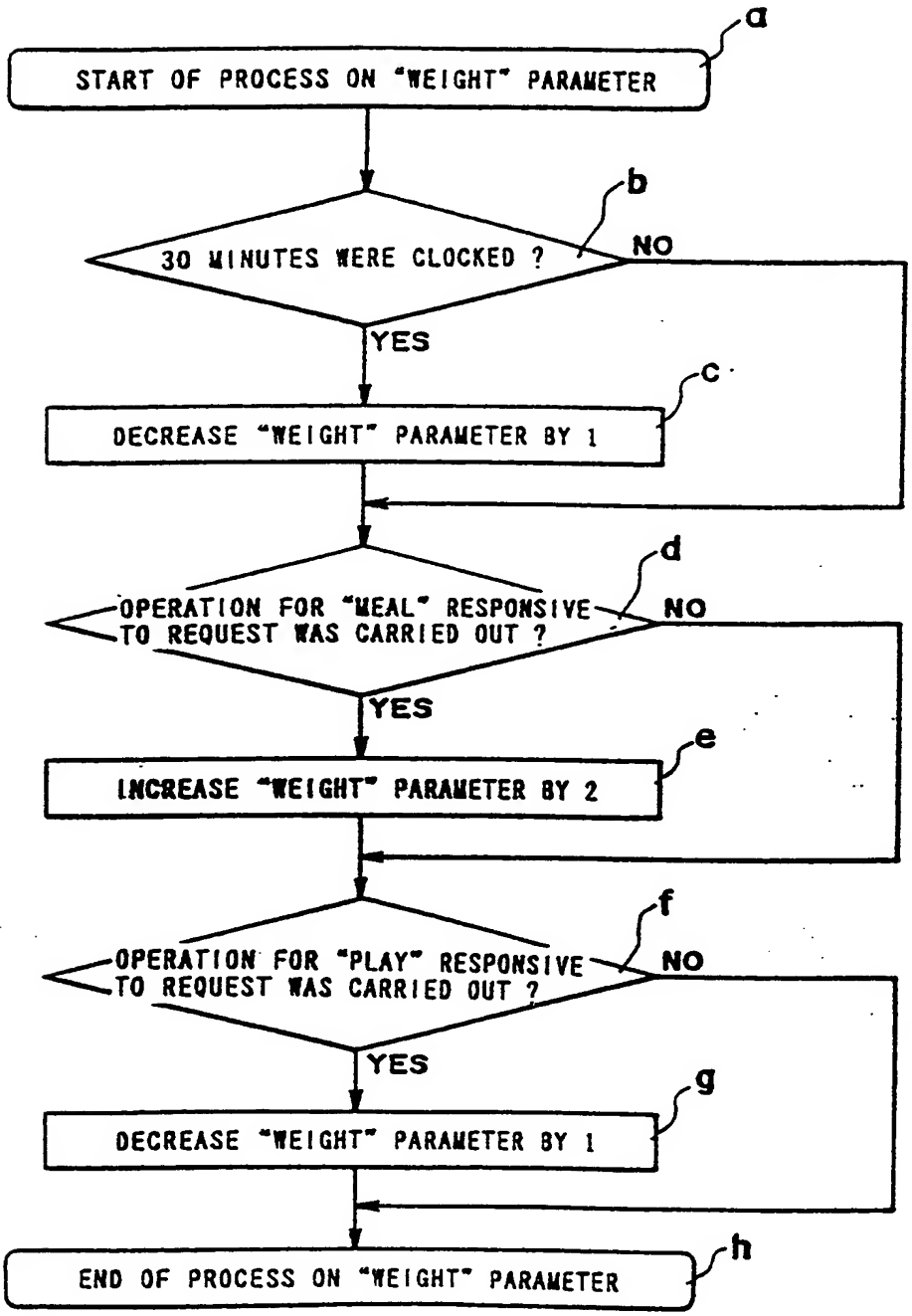

a
START OF PROCESS ON "WEIGHT" PARAMETER
b
30 MINUTES WERE CLOCKED ?
NO
YES
c
DECREASE "WEIGHT" PARAMETER BY 1
d
OPERATION FOR "MEAL" RESPONSIVE TO REQUEST WAS CARRIED OUT ?
NO
YES
e
INCREASE "WEIGHT" PARAMETER BY 2
f
OPERATION FOR "PLAY" RESPONSIVE TO REQUEST WAS CARRIED OUT ?
NO
YES
g
DECREASE "WEIGHT" PARAMETER BY 1
h
END OF PROCESS ON "WEIGHT" PARAMETER

FIG. 9

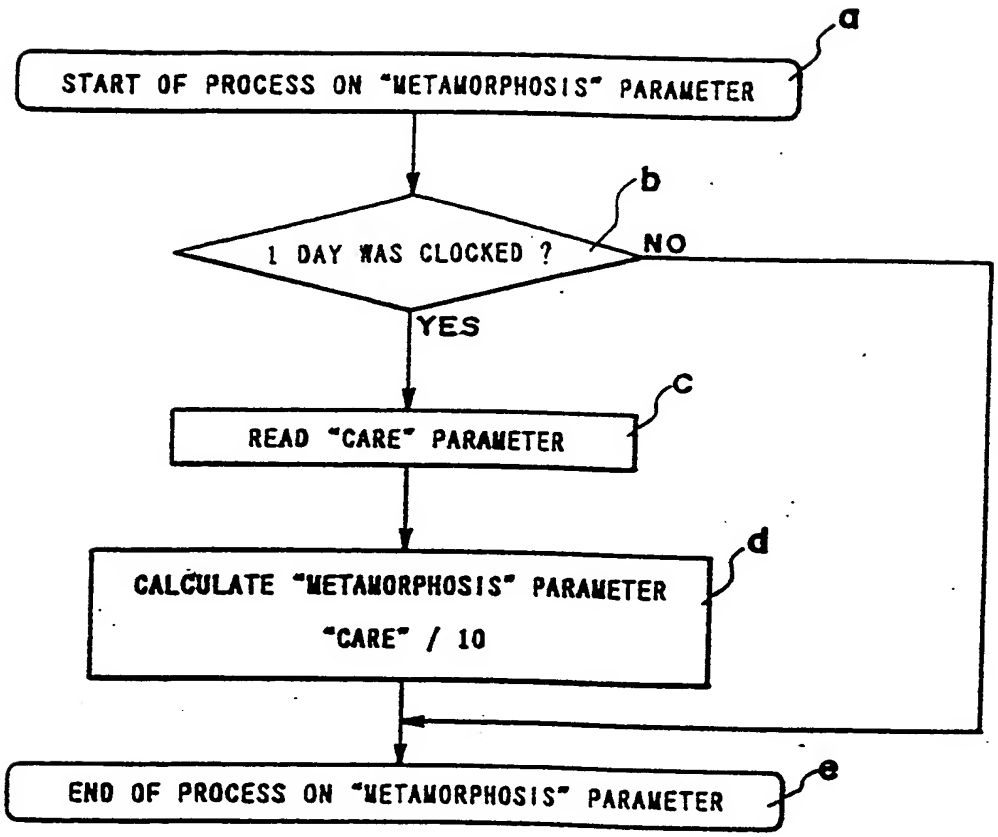

a
START OF PROCESS ON "METAMORPHOSIS" PARAMETER
b
1 DAY WAS CLOCKED ?
NO
YES
c
READ "CARE" PARAMETER
d
CALCULATE "METAMORPHOSIS" PARAMETER
"CARE" / 10
e
END OF PROCESS ON "METAMORPHOSIS" PARAMETER

FIG. 10

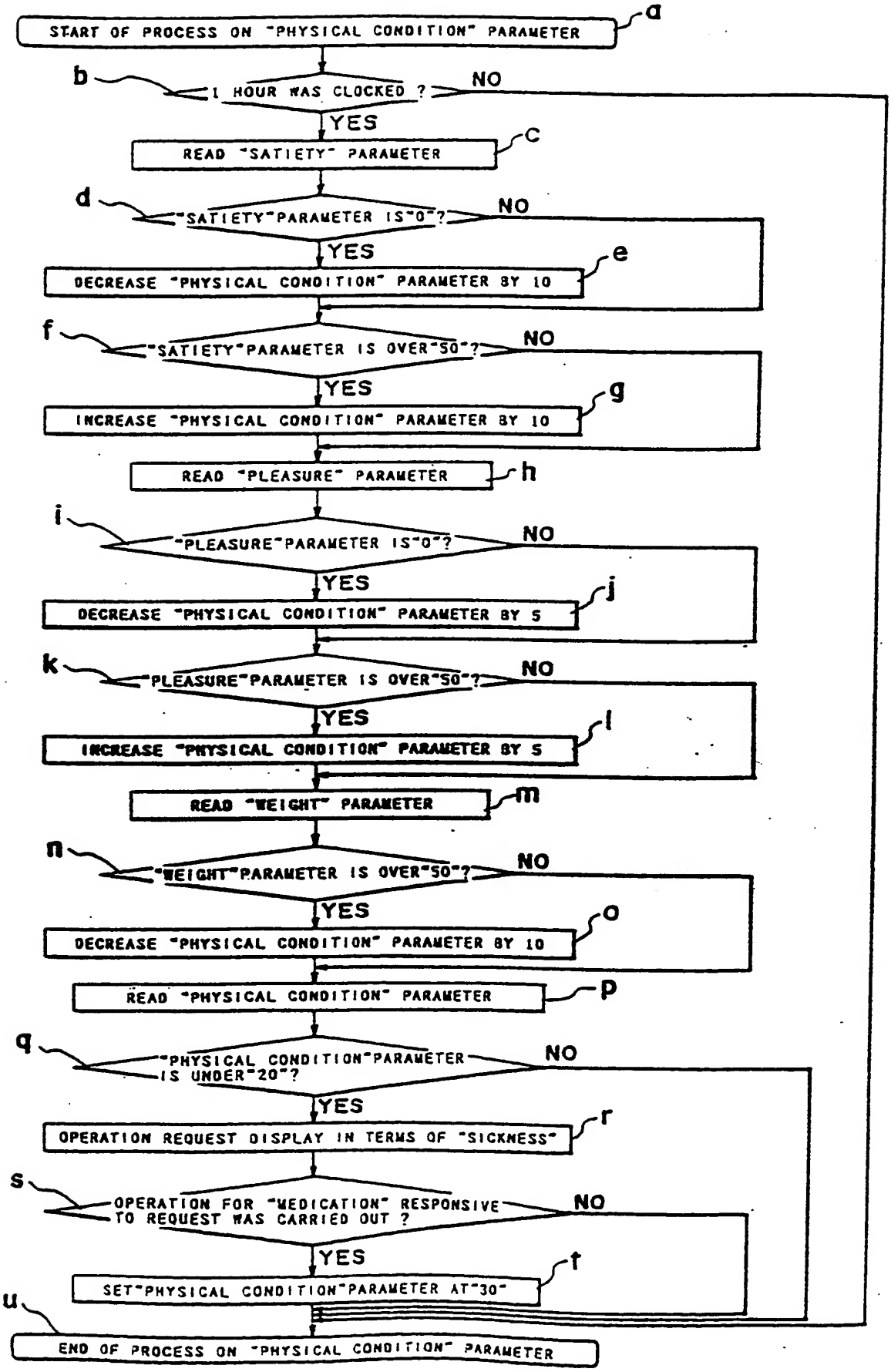

a
START OF PROCESS ON "PHYSICAL CONDITION" PARAMETER
b
1 HOUR WAS CLOCKED ?
NO
YES
c
READ "SATIETY" PARAMETER
d
"SATIETY" PARAMETER IS "0"?
NO
YES
e
DECREASE "PHYSICAL CONDITION" PARAMETER BY 10
f
"SATIETY" PARAMETER IS OVER "50"?
NO
YES
g
INCREASE "PHYSICAL CONDITION" PARAMETER BY 10
h
READ "PLEASURE" PARAMETER
i
"PLEASURE" PARAMETER IS "0"?
NO
YES
j
DECREASE "PHYSICAL CONDITION" PARAMETER BY 5
k
"PLEASURE" PARAMETER IS OVER "50"?
NO
YES
l
INCREASE "PHYSICAL CONDITION" PARAMETER BY 5
m
READ "WEIGHT" PARAMETER
n
"WEIGHT" PARAMETER IS OVER "50"?
NO
YES
o
DECREASE "PHYSICAL CONDITION" PARAMETER BY 10
p
READ "PHYSICAL CONDITION" PARAMETER
q
"PHYSICAL CONDITION" PARAMETER IS UNDER "20"?
NO
YES
r
OPERATION REQUEST DISPLAY IN TERMS OF "SICKNESS"
s
OPERATION FOR "MEDICATION" RESPONSIVE TO REQUEST WAS CARRIED OUT ?
NO
YES
t
SET "PHYSICAL CONDITION" PARAMETER AT "30"
u
END OF PROCESS ON "PHYSICAL CONDITION" PARAMETER

FIG. 11

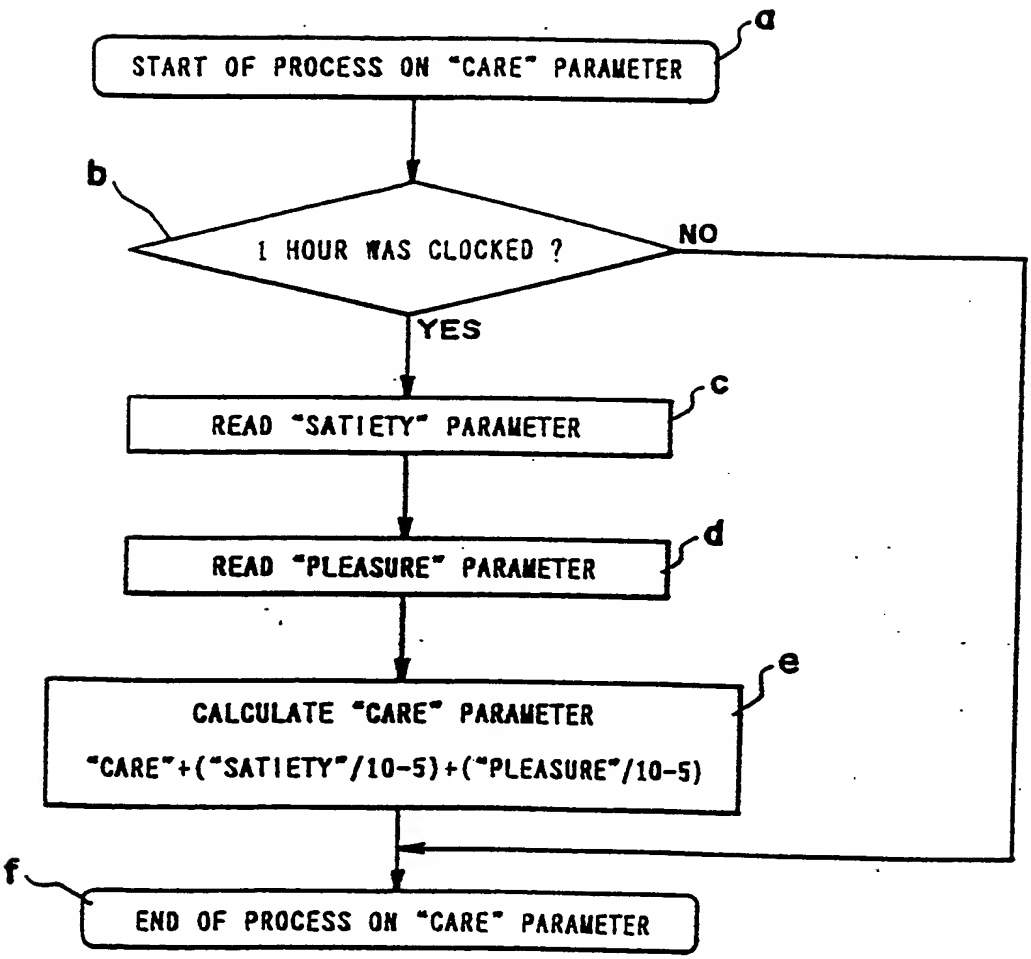

a
START OF PROCESS ON "CARE" PARAMETER
b
1 HOUR WAS CLOCKED ?
NO
YES
c
READ "SATIETY" PARAMETER
d
READ "PLEASURE" PARAMETER
e
CALCULATE "CARE" PARAMETER
"CARE"+("SATIETY"/10-5)+("PLEASURE"/10-5)
f
END OF PROCESS ON "CARE" PARAMETER

FIG. 12

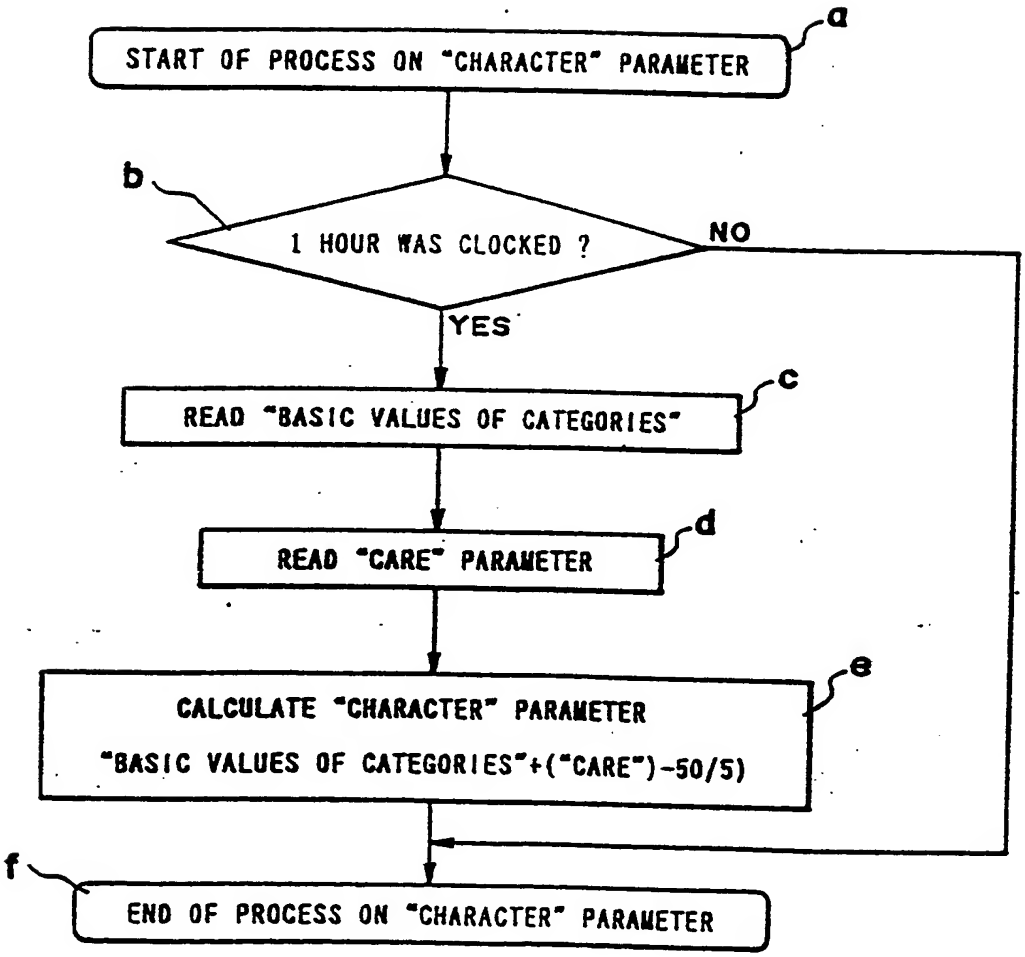

a
START OF PROCESS ON "CHARACTER" PARAMETER
b
1 HOUR WAS CLOCKED ?
NO
YES
c
READ "BASIC VALUES OF CATEGORIES"
d
READ "CARE" PARAMETER
e
CALCULATE "CHARACTER" PARAMETER
"BASIC VALUES OF CATEGORIES"+("CARE")-50/5)
f
END OF PROCESS ON "CHARACTER" PARAMETER

FIG. 13

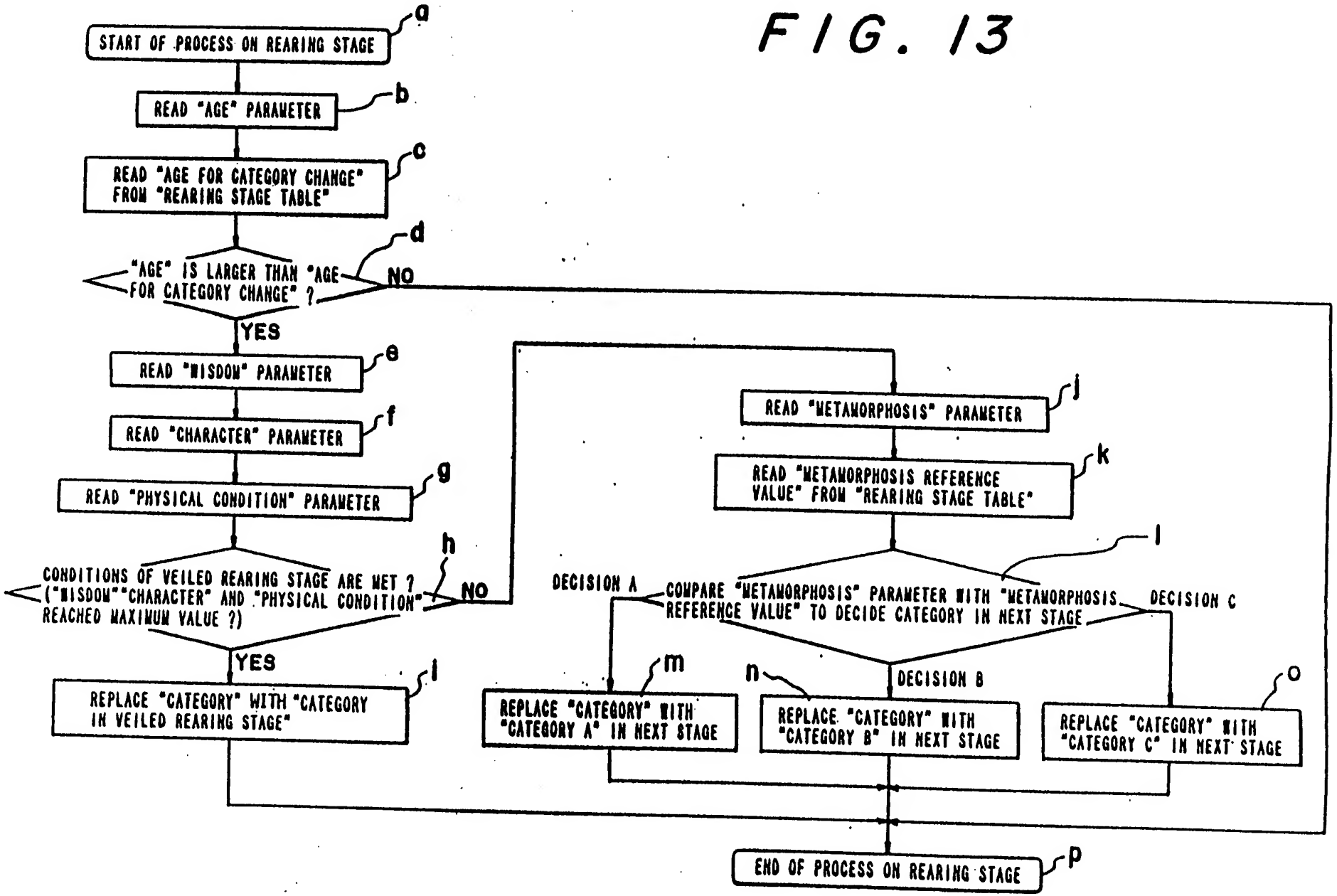

a
START OF PROCESS ON REARING STAGE
b
READ "AGE" PARAMETER
c
READ "AGE FOR CATEGORY CHANGE" FROM "REARING STAGE TABLE"
d
"AGE" IS LARGER THAN "AGE FOR CATEGORY CHANGE" ?
NO
YES
e
READ "WISDOM" PARAMETER
f
READ "CHARACTER" PARAMETER
g
READ "PHYSICAL CONDITION" PARAMETER
h
CONDITIONS OF VEILED REARING STAGE ARE MET ? ("WISDOM" "CHARACTER" AND "PHYSICAL CONDITION" REACHED MAXIMUM VALUE ?)
NO
YES
i
REPLACE "CATEGORY" WITH "CATEGORY IN VEILED REARING STAGE"
j
READ "METAMORPHOSIS" PARAMETER
k
READ "METAMORPHOSIS REFERENCE VALUE" FROM "REARING STAGE TABLE"
l
DECISION A
COMPARE "METAMORPHOSIS" PARAMETER WITH "METAMORPHOSIS REFERENCE VALUE" TO DECIDE CATEGORY IN NEXT STAGE
DECISION B
DECISION C
m
REPLACE "CATEGORY" WITH "CATEGORY A" IN NEXT STAGE
n
REPLACE "CATEGORY" WITH "CATEGORY B" IN NEXT STAGE
o
REPLACE "CATEGORY" WITH "CATEGORY C" IN NEXT STAGE
p
END OF PROCESS ON REARING STAGE

FIG. 14

REARING STAGE TABLE

	DATA ON VIRTUAL LIVING THING					
LABEL	ADDRESS	BASIC VALUE OF CATEGORY	METAMORPHOSIS REFERENCE VALUE	AGE FOR CATEGORY CHANGE	CATEGORY A2 IN NEXT STAGE	CATEGORY B2 IN NEXT STAGE	CATEGORY C2 IN NEXT STAGE
CATEGORY 1	N1	5	50	2	N2	N3	N4
CATEGORY A2	N2	15	90	4	N5	N6	N7
CATEGORY B2	N3	18	95	5	N8	N9	N10
CATEGORY C2	N4	20	100	6	N11	N12	N13
VEILED CATEGORY	N99	50	—	—	—	—	—

FIG. 15

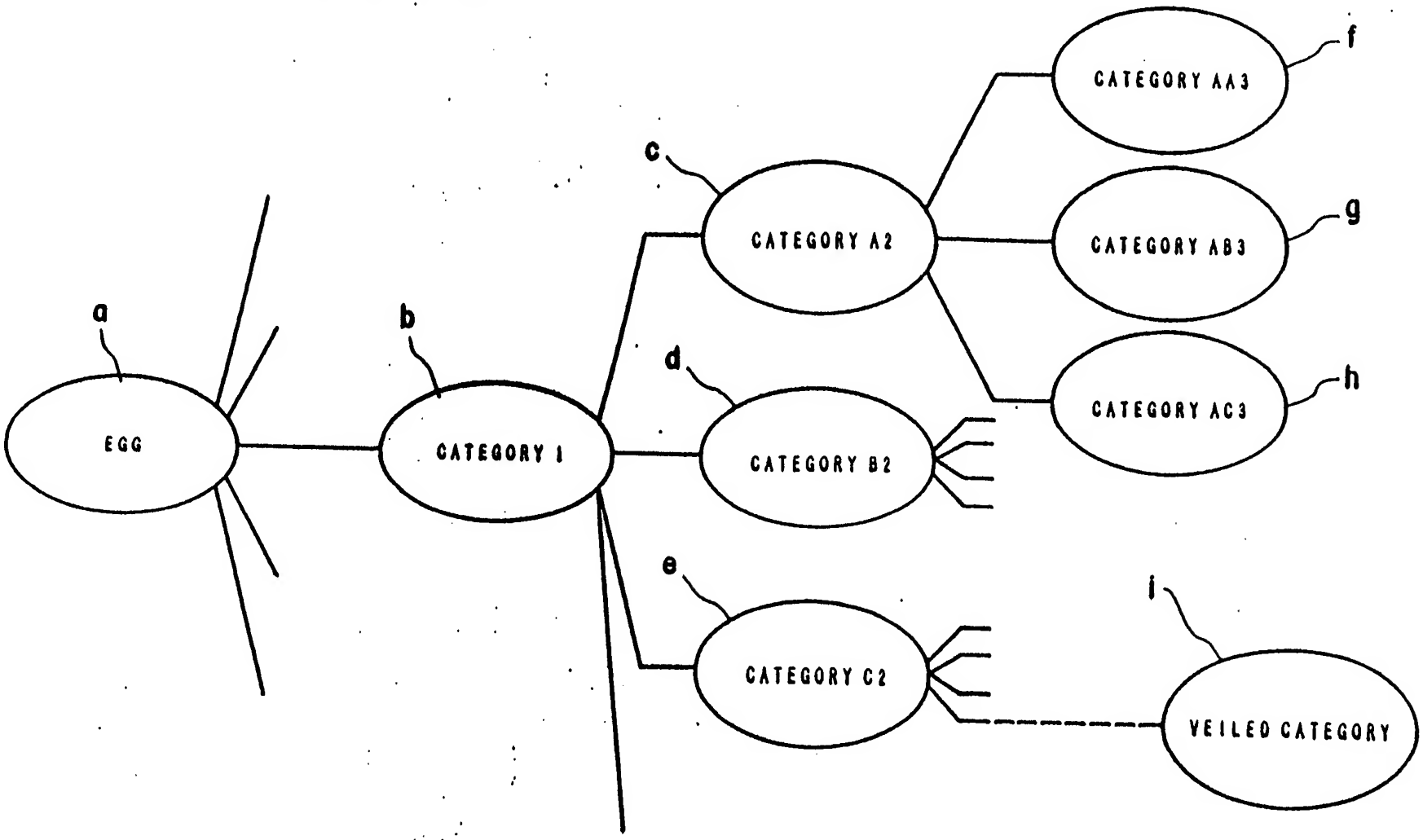

a
EGG
b
CATEGORY 1
c
CATEGORY A2
d
CATEGORY B2
e
CATEGORY C2
f
CATEGORY AA3
g
CATEGORY AB3
h
CATEGORY AC3
i
VEILED CATEGORY

FIG. 16

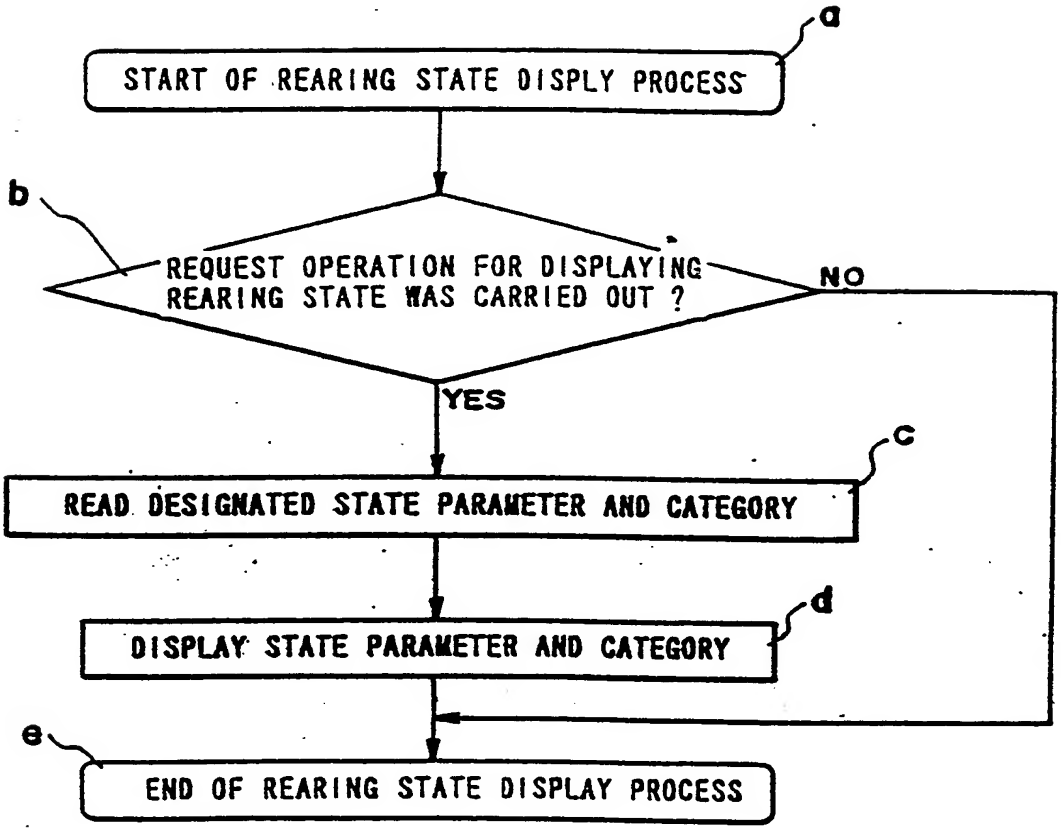
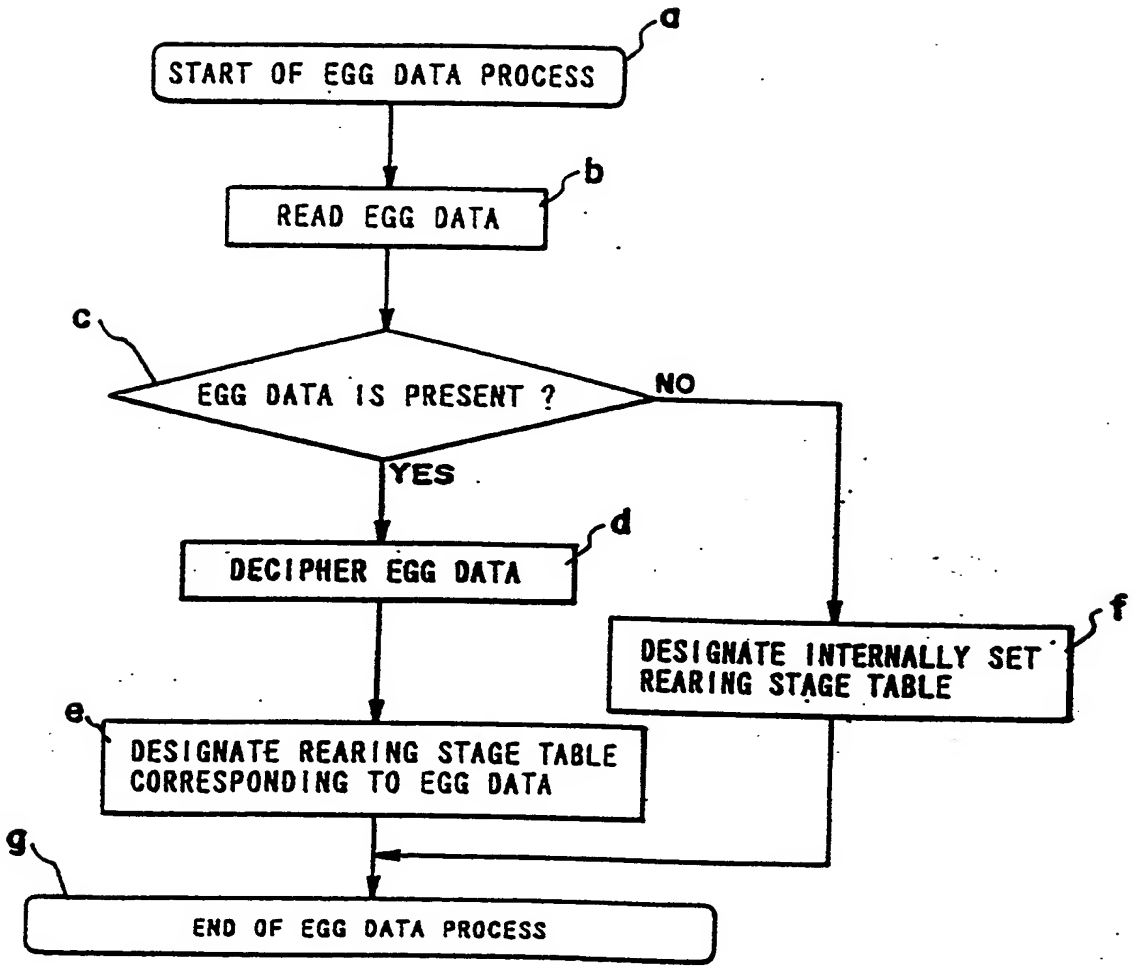

a
START OF REARING STATE DISPLY PROCESS
b
REQUEST OPERATION FOR DISPLAYING REARING STATE WAS CARRIED OUT ?
NO
YES
c
READ DESIGNATED STATE PARAMETER AND CATEGORY
d
DISPLAY STATE PARAMETER AND CATEGORY
e
END OF REARING STATE DISPLAY PROCESS

FIG. 17


a
START OF EGG DATA PROCESS
b
READ EGG DATA
c
EGG DATA IS PRESENT ?
NO
YES
d
DECIPHER EGG DATA
f
DESIGNATE INTERNALLY SET REARING STAGE TABLE
e
DESIGNATE REARING STAGE TABLE CORRESPONDING TO EGG DATA
g
END OF EGG DATA PROCESS